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Application of: Colin N.B. COOK et al.  
Serial No.: 10/792,286  
Filed: March 4, 2004  
Reply to Office Action of June 27, 2007

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0006] on page 2, with the following rewritten paragraph:

[0006] In another embodiment of the present invention, existing local are area network (LAN) infrastructure is utilized for remote control of host computers without requiring significant reconfiguration of their software and/or hardware.

Please replace paragraph [0019] on pages 6-7, with the following rewritten paragraph:

[0019] Figure 2 further demonstrates that keyboard 212, mouse 214, other device 216 send their respective signals to the VPC 208. VPC 208 captures the hardware outputs of the host keyboard 212, mouse, 214, and other device 216 and encodes them for transmission to the VPS. The transmission to the VPS can take place over IP Network 206, which is connected to host computer 202. Following transmission, the signals arrive in VPS 204, which decodes the keyboard, mouse and other device inputs transmitted by the VPC. These inputs are then sent to the host computer, where the input commands are executed. Following the execution of the keyboard, mouse and other device commands, host 202 sends a hardware output in the form of a video signal displaying changes resulting from the input commands and a signal for the other device 216. The VPS 204 captures the hardware outputs and encodes them for transmission to the VPC 208 over IP

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Network 206. VPC 208 then decodes the video and other device outputs from the VPS and transmits them to either video display 210 or other device 216.

Please replace paragraph [0037] on page 13, with the following rewritten paragraph:

[00037] In another embodiment of the present invention, the VPC encodes the byte stream ~~from~~ from the local keyboard and delivers it to the message subsystem, which in turn optionally compresses and encrypts the stream. The byte stream is then delivered to the VPS. Keyboard processing is envisioned to be a simple direct transfer with no feedback between the VPS and VPC, in accordance with an embodiment of the present invention.